

乳酸脱氢酶抗体

产品货号： mIR20294

英文名称： LDHB

中文名称： 乳酸脱氢酶抗体

别 名： Lactate Dehydrogenase B; Renal Carcinoma Antigen NY-REN-46; LDH Heart Subunit; EC 1.1.1.27;
LDH-B; LDH-H; Epididymis Secretory Protein Li 281; Lactate Dehydrogenase H Chain; HEL-S-281; EC 1.1.1.1; LDHBD;
TRG-5; LDHB_HUMAN;

研究领域： 细胞生物 新陈代谢

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Pig, Cow, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 37kDa

细胞定位 : 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human LDHB:181-250/334

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍： This gene encodes the B subunit of lactate dehydrogenase enzyme, which catalyzes the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD⁺ in a post-glycolysis process. Recent studies have shown that two protein isoforms are produced from the same mRNA by use of alternative in-frame translation termination codons via a stop codon readthrough mechanism, and that these C-terminally distinct isoforms have different subcellular localization. Alternatively spliced transcript variants have also been found for this gene. Mutations in this gene are associated with lactate dehydrogenase B deficiency. Pseudogenes have been identified on chromosomes X, 5 and 13. [provided by RefSeq, Oct 2015]

Function:

This protein is involved in step 1 of the subpathway that synthesizes (S)-lactate from pyruvate. This subpathway is part of the pathway pyruvate fermentation to lactate, which is itself part of Fermentation.

View all proteins of this organism that are known to be involved in the subpathway that synthesizes (S)-lactate from pyruvate, the pathway pyruvate fermentation to lactate and in Fermentation.

Subunit:

Homotetramer.

Subcellular Location:

Cytoplasm

Similarity:

Belongs to the LDH/MDH superfamily. LDH family.

SWISS:

P07195

Gene ID:

3945

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

